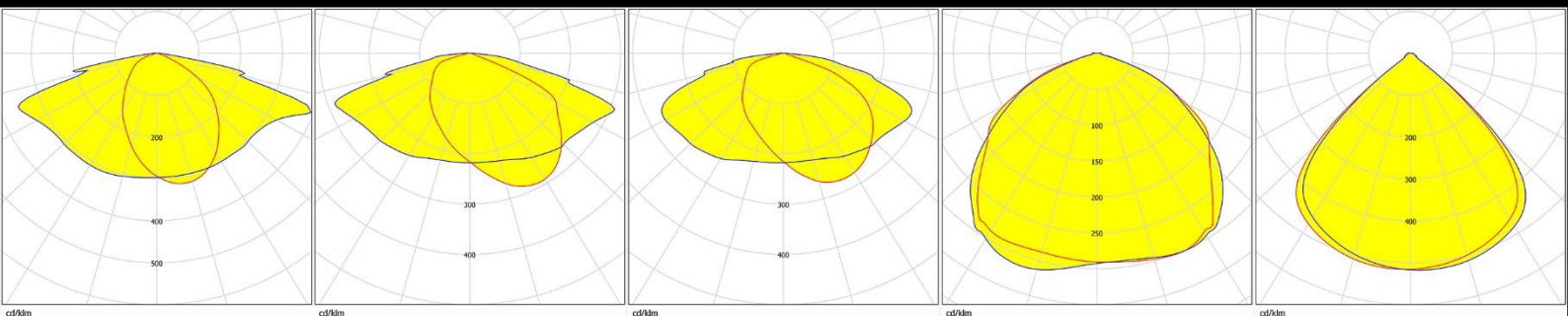
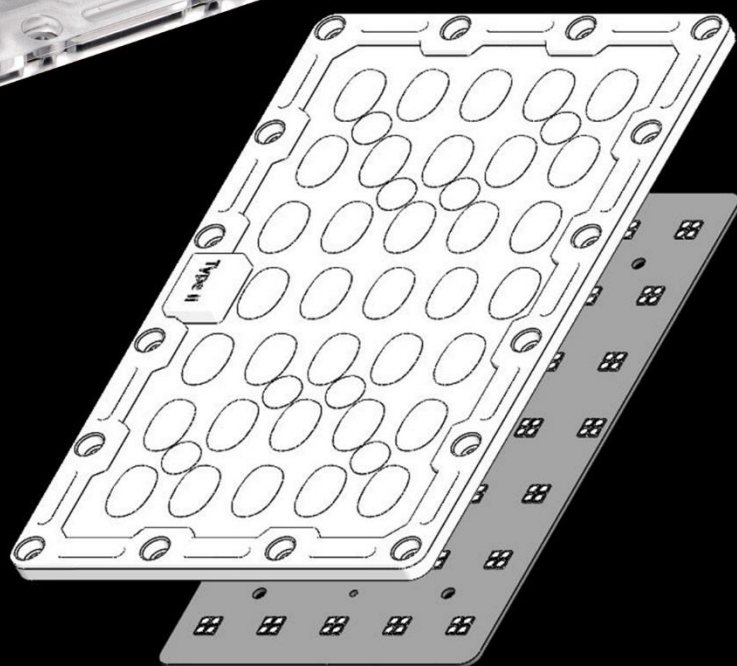


# Data Sheet

## HH-132-35×4-xx-PH3030



**深圳市汉辉光电有限公司**  
shenzhen hanhui photoelectric co.,Ltd.

地址：深圳市宝安区石岩街道石龙仔社区恒昌荣高科技园3栋3楼  
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park shiyan,shilong community,Bao'an District,shenzhen,china  
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# Data Sheet

## catalogue

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Optical Specifications	.....	P.2-5
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### \*Product Nomenclature

HH-132-35 × 4-xx - PH3030

H1

H2

H3

H4

H5

H6

H7

H1: The company's initials in Pinyin (Han Hui)

H2: Mold number

H3: Lens quantity

H4: The number of lamp beads inside each optical surface

H5: Lens angle/type (ex: 60、90、T2M、T3M)

H6: LED type (ex: CREE-CR、SAMSUNG-SS、PHILIPS-PH.....)

H7: LED size (ex:2835、3030、3535、.....)



# HH-132-35×4-xx-PH3030

## General Information

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### ◆ Features & Typical Applications

- Available with 5 beam angles
- High efficiency
- optimized Uniformity
- Lens without Holder
- Roadway Lighting
- Park Lighting
- Flood Lighting

### ◆ Material Information

Lens Material: PC 1225Z

Operating Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+120^{\circ}\text{C}$ ).

Storage Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+120^{\circ}\text{C}$ ).

\*Average transmittance in visible spectrum  $400\text{nm} \sim 700\text{nm} > 90\%$ .

### ◆ Usage and Maintenance

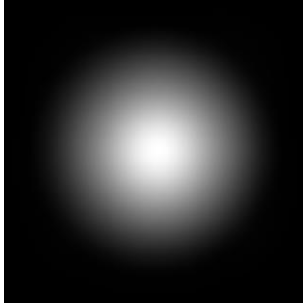
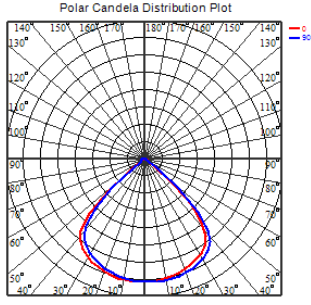
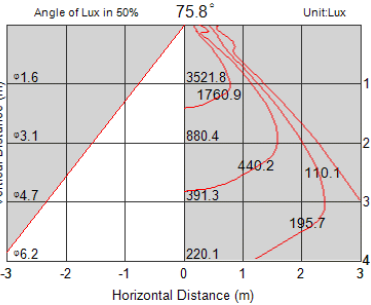
1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.


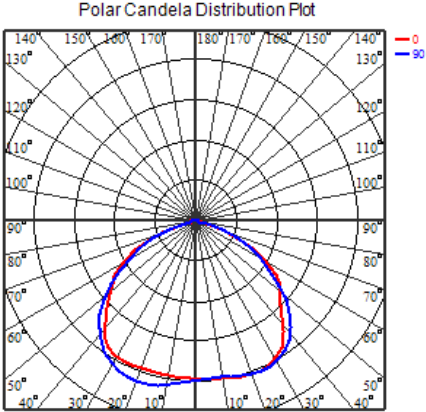
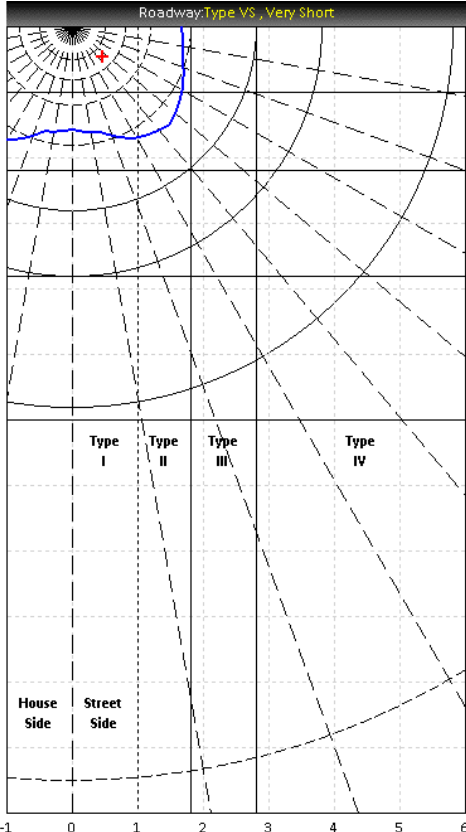


# HH-132-35×4-xx-PH3030

## Optical Specifications

v1.0\_20181009

Part Number	FWHM	Field Angle*	cd/lm	IES File
HH-132-35×4-90-PH3030	93°	107°	0.52	<a href="#">Download</a>
				
Beam Pattern	Candela Distribution	Illuminance Distribution		


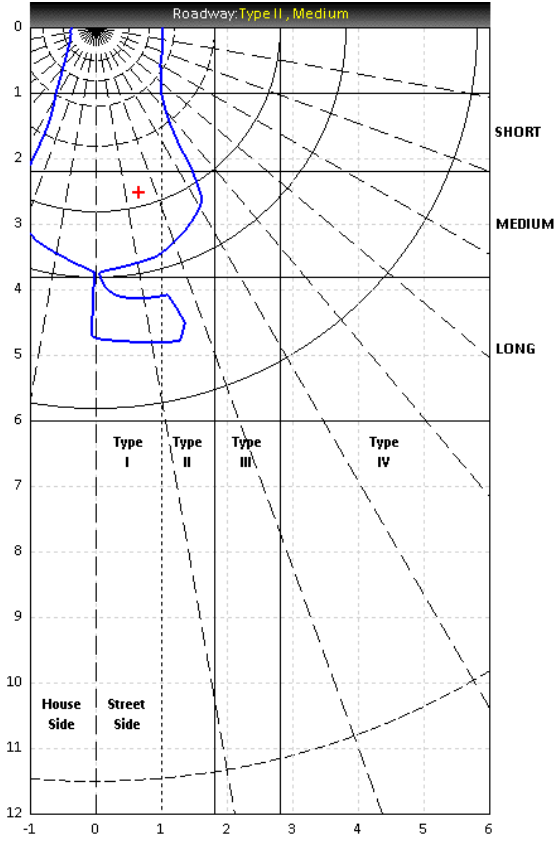
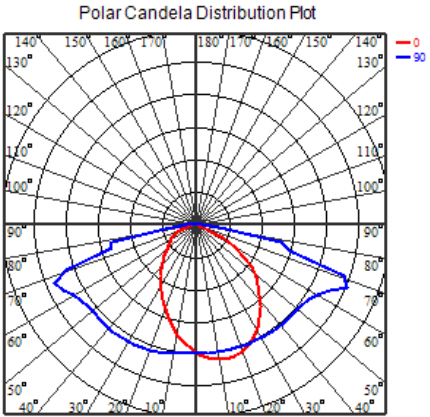
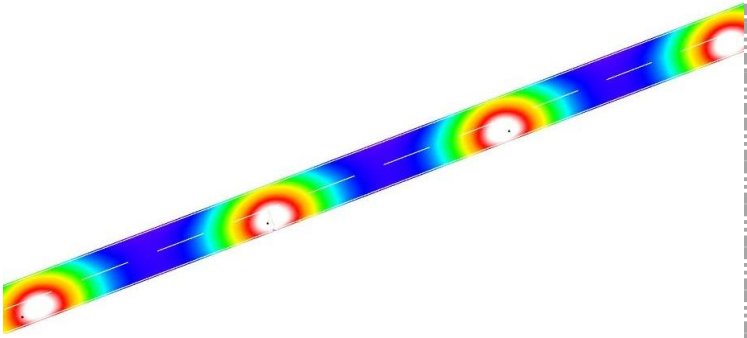
Part Number	FWHM	Candela Distribution Type	IES File
HH-132-35×4-T5S- PH3030	120°	Type V Short	<a href="#">download</a>
			



# HH-132-35×4-xx-PH3030

## Optical Specifications

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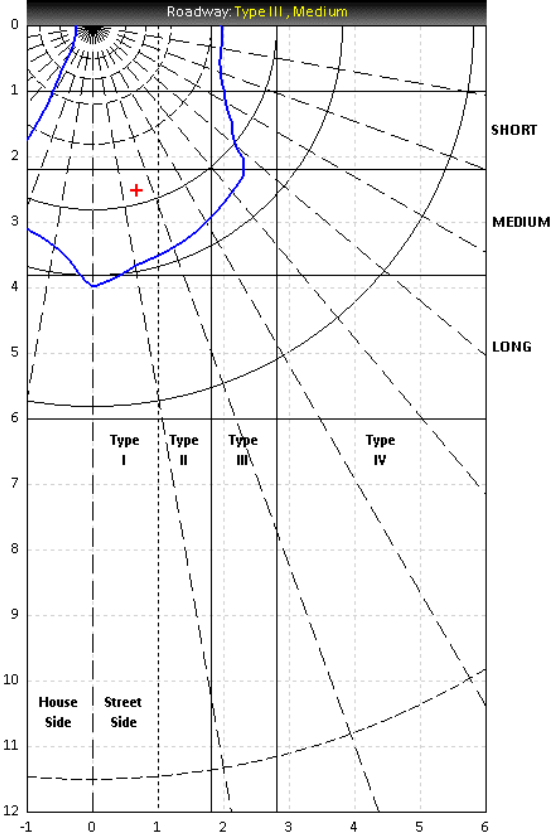
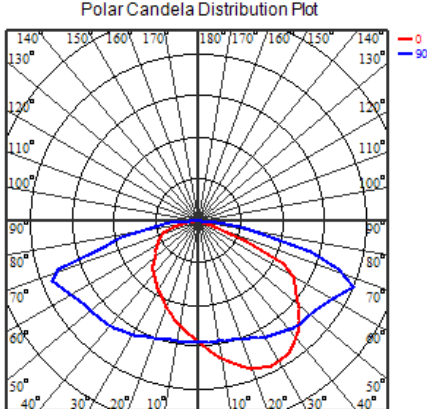
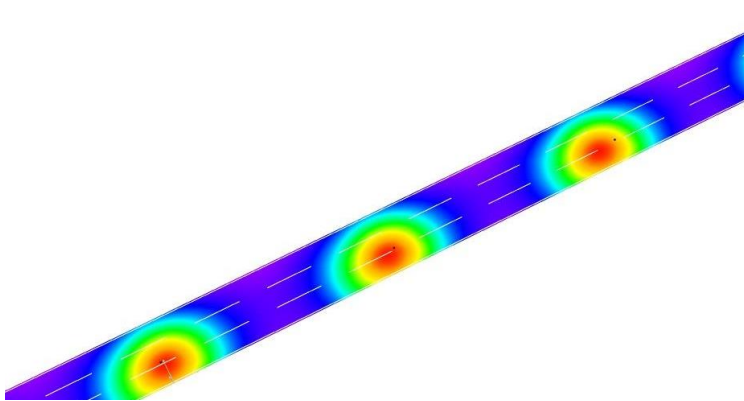
Part Number	FWHM	Candela Distribution Type	IES File
HH-132-35×4-T2M- PH3030	80×155	Type II Medium	<a href="#">Download</a>
			
			
DIALux Simulation Result (two lanes、R3W3、ME4a)			
		Recommend configuration condition	
		Luminous Flux	17500lm
		Lamp Collocation	Unilateral
		Height	10m
		Distance	40m
		Roadwidth	7.5m
		Elevation	0°
		Overhang	1m
		Result	
		Lav	1.31
U <sub>0</sub>	0.47		
U <sub>L</sub>	0.79		
TI(%)	12		
SR	0.69		
<p>Note: Lav-Average Luminance                      U<sub>0</sub>-Brightness Uniformity                      U<sub>L</sub>-Brightness longitudinal Uniformity                      TI-Threshold increment                      SR-Surround ratio</p>			



# HH-132-35×4-xx-PH3030

## Optical Specifications

v1.0\_20181009

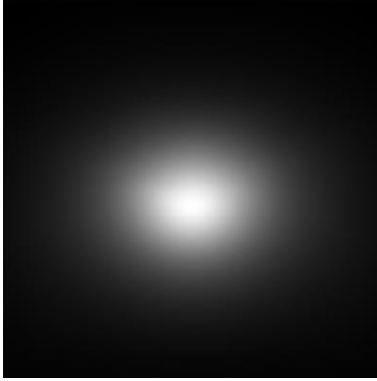
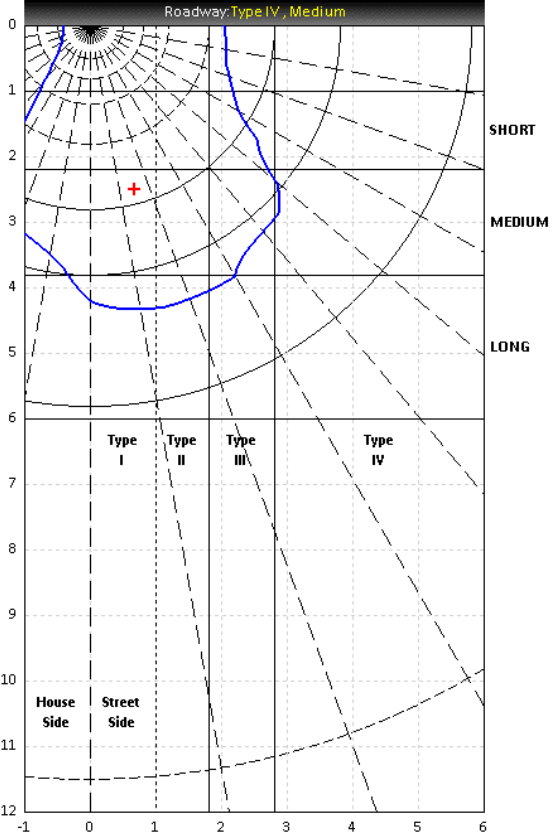
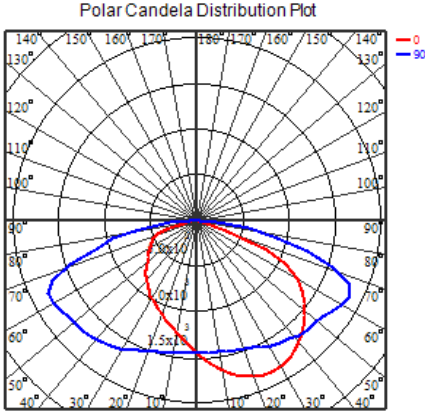
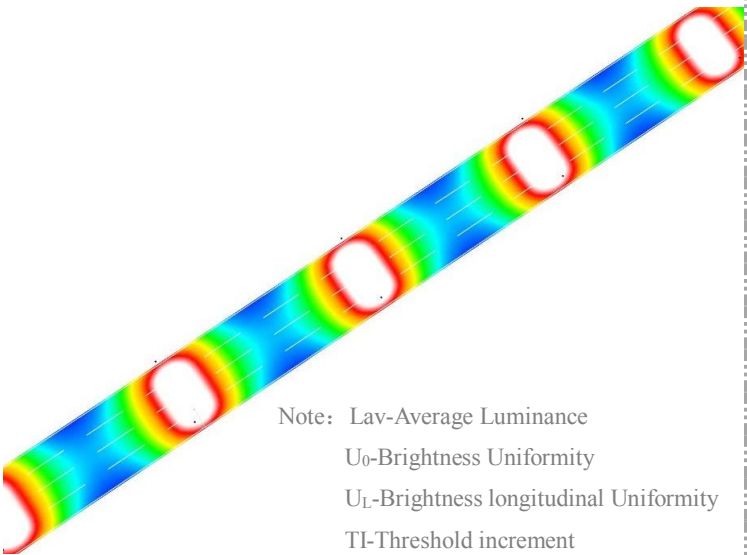
Part Number	FWHM	Candela Distribution Type	IES File
HH-132-35×4-T3M- PH3030	95×160	Type III Medium	<a href="#">Download</a>
			
			
<b>DIALux Simulation Result (three lanes、R3W3、ME4a)</b>			
		Recommend configuration condition	
		Luminous Flux	17500lm
		Lamp Collocation	Unilateral
		Height	10m
		Distance	40m
		Roadwidth	11.25m
		Elevation	0°
		Overhang	1m
		Result	
		Lav	0.91
U <sub>0</sub>	0.40		
U <sub>L</sub>	0.76		
TI(%)	14		
SR	0.63		
<p>Note: Lav-Average Luminance                      U<sub>0</sub>-Brightness Uniformity                      U<sub>L</sub>-Brightness longitudinal Uniformity                      TI-Threshold increment                      SR-Surround ratio</p>			



# HH-132-35×4-xx-PH3030

## Optical Specifications

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Part Number	FWHM	Candela Distribution Type	IES File																												
HH-132-35×4-T4M- PH3030	95×155	Type IV Medium	<a href="#">Download</a>																												
																															
																															
<b>DIALux Simulation Result (four lanes、R3W3、ME4a)</b>																															
 <p>Note: Lav-Average Luminance U<sub>0</sub>-Brightness Uniformity U<sub>L</sub>-Brightness longitudinal Uniformity TI-Threshold increment SR-Surround ratio</p>		<table border="1"> <thead> <tr> <th colspan="2">Recommend configuration condition</th> </tr> </thead> <tbody> <tr> <td>Luminous Flux</td> <td>17500lm</td> </tr> <tr> <td>Lamp Collocation</td> <td>Bilateral Symmetry</td> </tr> <tr> <td>Height</td> <td>10m</td> </tr> <tr> <td>Distance</td> <td>40m</td> </tr> <tr> <td>Roadwidth</td> <td>15m</td> </tr> <tr> <td>Elevation</td> <td>0°</td> </tr> <tr> <td>Overhang</td> <td>1m</td> </tr> <tr> <th colspan="2">Result</th> </tr> <tr> <td>Lav</td> <td>1.57</td> </tr> <tr> <td>U<sub>0</sub></td> <td>0.54</td> </tr> <tr> <td>U<sub>L</sub></td> <td>0.73</td> </tr> <tr> <td>TI(%)</td> <td>13</td> </tr> <tr> <td>SR</td> <td>0.65</td> </tr> </tbody> </table>		Recommend configuration condition		Luminous Flux	17500lm	Lamp Collocation	Bilateral Symmetry	Height	10m	Distance	40m	Roadwidth	15m	Elevation	0°	Overhang	1m	Result		Lav	1.57	U <sub>0</sub>	0.54	U <sub>L</sub>	0.73	TI(%)	13	SR	0.65
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U <sub>0</sub>	0.54																														
U <sub>L</sub>	0.73																														
TI(%)	13																														
SR	0.65																														



# HH-132-35×4-xx-PH3030

## Mechanical Specification

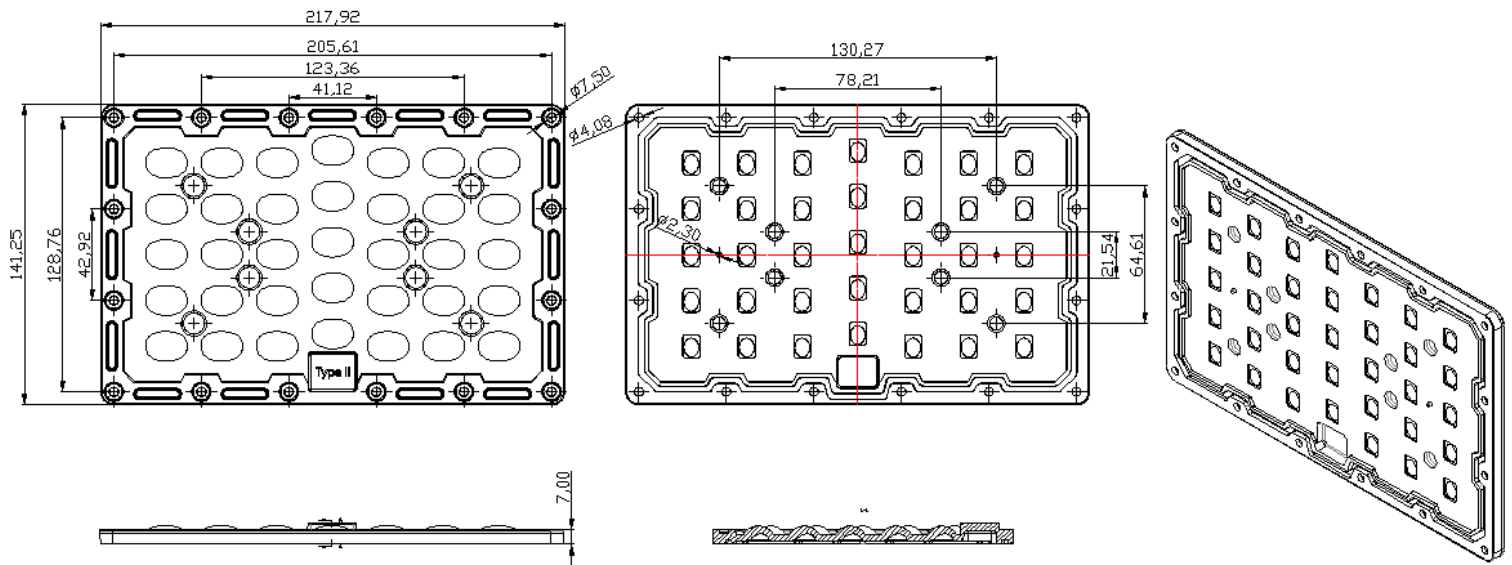
v1.0\_20181009

### 1. Fixing method

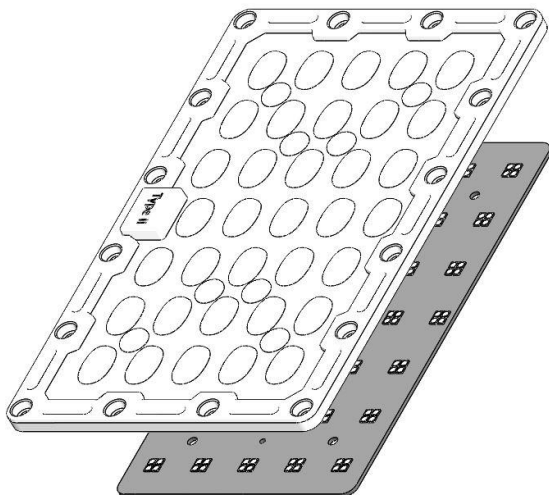
Note: (1) All dimensions are in mm.  
(2) All measurements are  $\pm 0.15\text{mm}$  unless otherwise indicated.

- Glue     
  Screw     
  Tape     
  Fixing-ring     
  Frame

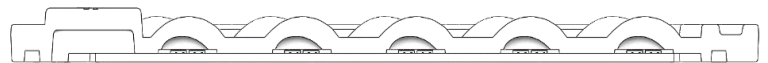
### 2. Lens dimension



### 3. Assembly instruction



### 4. View assembly lens with MCPCB



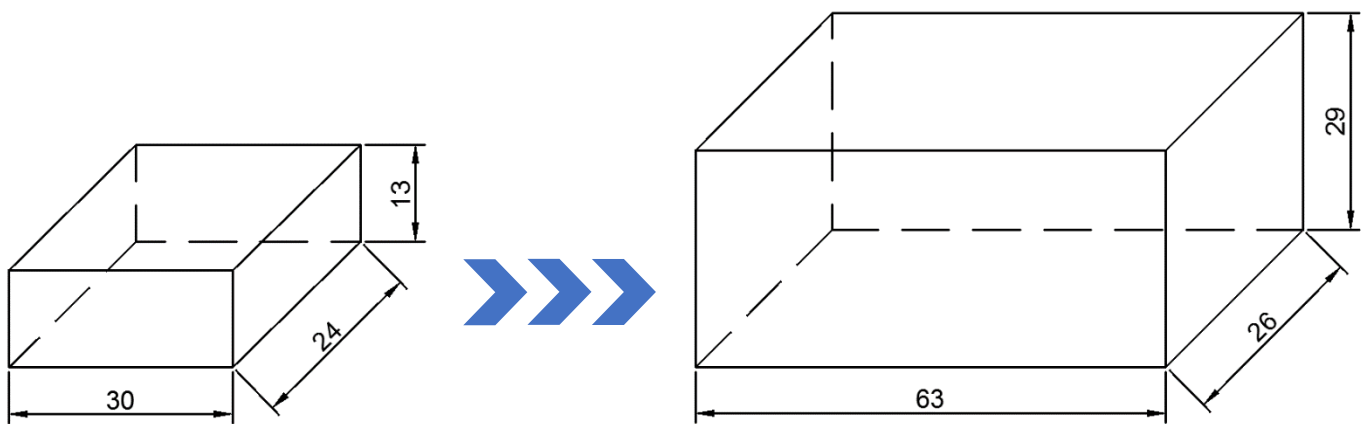


# HH-132-35×4-xx-PH3030

## Package Specifications

v1.0\_20181009

Item	Quantity	Total	Size(L*W*H)	G.W
plastic box	-	26PCS	30*24*13cm	
outer box	4plastic box/outer box	104 PCS	63*26*29cm	



Note:

